46.25 " = 1174.75 mm

24U
42"

22U
40.625"

19U 35.375"

18U
33.625"

14U
26.625"

7U
14.375"

2U
5.625"

2U
2.125"

temp_top

SMA outputs

2U ventilation

1U ventilation

mid   top   Node ID

bot   humid

Air inlet

LC/LC   SC

1U ventilation

2.0"
10hp

A3
A0
B3
B0
C3
C0

A3
A0
B3
B0
C3
C0

Heat sink?

A3
A0
B3
B0
C3
C0

A3
A0
B3
B0
C3
C0

temp_mid

2U extra space

Input, x Input, x Input, x Input, x Input, x Input, x Input, x Input, x Input, x Input, x Input, x Input, x
Input, y Input, y Input, y Input, y Input, y Input, y Input, y Input, y Input, y Input, y Input, y Input, y

Output, x Output, x Output, x Output, x Output, x Output, x Output, x Output, x Output, x Output, x Output, x Output, x
Output, y Output, y Output, y Output, y Output, y Output, y Output, y Output, y Output, y Output, y Output, y Output, y

2U extra space

temp_bot

Humid
temp_humid

Air Inlet Vent

Width: 20 inches

ground stud

coax

CAT7

Node Enclosure
ID board

Digital
fiber

Analog
fiber

coax

VAC
Line
Filter

Side Panel

Waveguide :17.3"

3.63"

RJ45: tbd

SMA: 9.3"
SMA: 7.3"

4.8"

FEM PSU - 2U
RF over fiber
Fixed rails

Power Strip - 1U

Patch panel – 1U
SC/UPC

PCB - 3U
Fixed rails

SNAP boards 10.0"
reserve 6U 10.5"
Shifted right to
accommodate for
an external bottom side
heat sink

Cantilevered, vented
shelf 2U x 14 inches deep
with front lip

PAM - 3U
Fixed rails

Frame and usable depth:
20 inches

03/15/18
not to scale